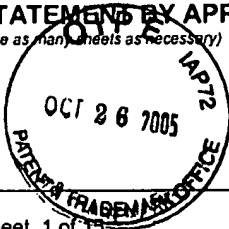


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Application Number	10/788,906
Filing Date	February 27, 2004
First Named Inventor	Girouard, Steven
Group Art Unit	3762
Examiner Name	Unknown

Sheet 1 of 15

Attorney Docket No: 279.696US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
②	US-2001/0000802A1	05/03/2001	Soykan, O., et al.	12/20/2000
	US-2001/0016193A1	08/23/2001	Engler, Robert L.	12/19/2000
	US-2001/0051148A1	12/13/2001	Tremblay, Jacques P.	11/10/1998
	US-2001/0055590A1	08/06/2001	Kurachi, Kotoku	08/06/2001
	US-2002/0001577A1	01/03/2002	Haverich, Axel, et al.	01/18/2001
	US-2002/0012657A1	01/31/2002	Tremblay, Jacques P.	06/09/1999
	US-2002/0022259A1	02/21/2002	Lee, Ike W., et al.	01/16/2001
	US-2002/0031501A1	03/14/2002	Law, Peter K.	05/31/2002
	US-2002/0031827A1	03/14/2002	Kanno, Shinichi, et al.	05/15/2001
	US-2002/0032468A1	03/14/2002	Hill, M. R., et al.	09/26/2001
	US-2002/0048800A1	04/25/2002	Gu, Yizhong, et al.	05/25/2001
	US-2002/0055530A1	05/09/2002	Neuberger, Timothy J., et al.	04/06/2001
	US-2002/0065243A1	05/30/2002	Fung, Yuen K., et al.	01/18/2002
	US-2002/0072785A1	06/13/2002	Nelson, C. G., et al.	02/07/2002
	US-2002/0077311A1	06/20/2002	Leiden, Jeffrey, et al.	09/13/2001
	US-2002/0098167A1	07/25/2002	Anversa, Piero, et al.	07/31/2001
	US-2002/0099026A1	07/25/2002	Goodman, R., et al.	01/25/2001
	US-2002/0110910A1	08/15/2002	Gwathmey, Judith K., et al.	11/21/2001
	US-2002/0115208A1	08/22/2002	Mitchell, Shannon, et al.	08/16/2001
	US-2002/0124855A1	09/12/2002	Chachques, Juan C.	03/11/2002
	US-2002/0124855A1	09/12/2002	Chachques, Juan C.	03/11/2002
	US-2002/0127210A1	09/12/2002	Mickle, Donald A., et al.	01/29/2002
	US-2002/0133198A1	09/19/2002	Kramer, A. P., et al.	11/27/2001
	US-2002/0142457A1	10/03/2002	Umezawa, Akihiro, et al.	12/28/2000
	US-2002/0147172A1	10/10/2002	Podsakoff, Gregory M., et al.	03/05/2002
	US-2002/0172663A1	11/21/2002	Palasis, M., et al.	01/23/2002
	US-2002/0183720A1	12/05/2002	Hill, I. P., et al.	05/10/2002
	US-2003/0004403A1	01/02/2003	Drinan, D., et al.	10/29/2001
	US-2003/0040777A1	02/27/2003	Shemer, I., et al.	04/03/2002
	US-2003/0044802A1	03/06/2003	Sayler, Gary S., et al.	09/06/2001
	US-2003/0059463A1	03/27/2003	Lahtinen, Mika	09/24/2002
	US-2003/0060854A1	03/27/2003	Zhu, Qingsheng	09/25/2001
	US-2003/0065379A1	04/03/2003	Babbs, Charles F., et al.	11/04/2002
	US-2003/0073235A1	04/17/2003	Lagarias, John C., et al.	05/29/2002
	US-2003/0087867A1	05/08/2003	Vogels, R. V., et al.	08/19/2002
	US-2003/0113303A1	06/19/2003	Schwartz, Yitzhack	10/28/2002
	US-2003/0125615A1	07/03/2003	Schwartz, Yitzhack	10/28/2002
	US-2003/0129750A1	07/10/2003	Schwartz, Yitzhack	10/28/2002
	US-2003/0130581A1	07/10/2003	Salo, R., et al.	01/04/2002
	US-2003/0148968A1	08/07/2003	Hammond, H. K., et al.	05/03/2001

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Application Number	10/788,906
Filing Date	February 27, 2004
First Named Inventor	Girouard, Steven
Group Art Unit	3762
Examiner Name	Unknown

Sheet 2 of 15

Attorney Docket No: 279.696US1

②	US-2003/0171723A1	09/11/2003	Ponzi, Dean M.	04/16/2003
	US-2003/0195470A1	10/16/2003	Ponzi, Dean M.	05/02/2003
	US-2003/0204206A1	10/30/2003	Padua, R. A., et al.	12/20/2001
	US-2003/0216811A1	11/20/2003	Badylak, Stephen F.	05/02/2003
	US-2003/0216812A1	11/20/2003	Badylak, Stephen F.	05/02/2003
	US-2004/0002739A1	01/01/2004	Cates, Adam W., et al.	06/28/2002
	US-2004/0006395A1	01/08/2004	Badylak, Stephen F.	05/02/2003
	US-2004/0038400A1	02/26/2004	Froehlich, Allan C., et al.	08/26/2002
	US-2004/0043006A1	03/04/2004	Badylak, Stephen F., et al.	08/27/2002
	US-2004/0047909A1	03/11/2004	Ragheb, Anthony O., et al.	04/14/2003
	US-2004/0048286A1	03/11/2004	Lee, Richard R.	05/09/2003
	US-2004/0098075A1	05/20/2004	Lee, Randall J.	02/24/2003
	US-2004/0131601A1	07/08/2004	Epstein, Stephen , et al.	07/10/2003
	US-2004/0132184A1	07/08/2004	Dennis, Robert G., et al.	09/16/2003
	US-2004/0133247A1	07/08/2004	Stahmann, Jeffrey E., et al.	09/23/2003
	US-2004/0158289A1	08/12/2004	Girouard, Steven D., et al.	11/25/2003
	US-2004/0158290A1	08/12/2004	Girouard, S. D.	11/25/2003
	US-2004/0213770A1	10/28/2004	Seward, Kirk P., et al.	04/21/2004
	US-2004/0214182A1	10/28/2004	Sharma, Vinod , et al.	04/25/2003
	US-2004/0215251A1	10/28/2004	Sharma, Vinod , et al.	04/25/2003
	US-2005/0005923A1	01/13/2005	Herrin, Ronald J.	07/11/2003
	US-2005/0008628A1	01/13/2005	Feld, Yair , et al.	08/17/2004
	US-2005/0010492A1	01/24/2002	Donovan, Maura G., et al.	03/05/2001
	US-2005/0021091A1	01/27/2005	Laske, Timothy G., et al.	03/11/2004
	US-2005/0043675A1	02/24/2005	Pastore, J. M., et al.	08/21/2003
	US-2005/0059153A1	03/17/2005	George, Frank R., et al.	01/16/2004
	US-2005/0059999A1	03/17/2005	Mongeon, Luc R., et al.	09/15/2003
	US-2005/0096701A1	05/05/2005	Donovan, Maura G., et al.	08/13/2004
	US-2005/0118144A1	06/02/2005	Zhang, Jianyi	06/23/2004
	US-2005/0130136A1	06/16/2005	Lee, Richard T.	11/08/2001
	US-2005/0137626A1	06/23/2005	Pastore, J. M., et al.	12/19/2003
	US-2005/0137671A1	06/23/2005	Liu, Lili , et al.	12/23/2003
	US-2005/0149136A1	07/07/2005	Siejko, K. J., et al.	12/24/2003
	US-2005/0197674A1	09/08/2005	McCabe, A. , et al.	03/05/2004
	US-3,692,027	09/19/1972	Ellinwood Jr., Everett H.	04/23/1971
	US-4,003,379	01/18/1977	Ellinwood Jr., Everett H.	09/24/1975
	US-4,146,029	03/27/1979	Ellinwood Jr., E. H.	05/31/1977
	US-4,281,664	08/04/1981	Duggan, Stephen R.	05/14/1997
	US-4,299,220	11/10/1981	Dorman, Frank D.	05/03/1979
	US-4,544,371	10/01/1985	Dormandy Jr., Ray H., et al.	10/05/1982
	US-4,556,063	12/03/1985	Thompson, D. L., et al.	12/07/1984
	US-4,686,987	08/18/1987	Salo, Rodney W., et al.	03/29/1982
✓	US-4,871,351	10/03/1989	Feingold, Vladimir	08/26/1987

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Application Number	10/788,906
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First Named Inventor	Girouard, Steven
Group Art Unit	3762
Examiner Name	Unknown

Sheet 3 of 15

Attorney Docket No: 279.696US1

②	US-4,897,987	02/06/1990	Spalla, Pier L.	06/16/1989
	US-4,902,508	02/20/1990	Badylak, Stephen F., et al.	07/11/1988
	US-4,924,875	05/15/1990	Chamoun, N. G.	10/09/1987
	US-4,944,299	07/31/1990	Silvian, Sergiu	08/08/1989
	US-4,987,897	01/29/1991	Funke, H. D.	09/18/1989
	US-5,014,698	05/14/1991	Cohen, T. J.	10/02/1989
	US-5,040,533	08/20/1991	Fearnot, Neal E.	12/29/1989
	US-5,041,107	08/20/1991	Heil Jr., Ronald W.	10/06/1989
	US-5,042,497	08/27/1991	Shapland, J E.	01/30/1990
	US-5,058,581	10/22/1991	Silvian, Sergiu	02/20/1990
	US-5,087,243	02/11/1992	Avitall, Boaz	06/18/1990
	US-5,127,404	07/07/1992	Wyborny, P. B., et al.	09/25/1991
	US-5,179,947	01/19/1993	Meyerson, Scott C., et al.	01/15/1991
	US-5,190,035	03/02/1993	Salo, R. W., et al.	04/17/1986
	US-5,220,917	06/22/1993	Cammilli, L., et al.	11/16/1990
	US-5,251,621	10/12/1993	Collins, K. A.	12/18/1991
	US-5,259,380	11/09/1993	Mendes, Emanuel, et al.	11/15/1990
	US-5,269,301	12/14/1993	Cohen, T. J.	10/19/1992
	US-5,275,826	01/04/1994	Badylak, Stephen F., et al.	11/13/1992
	US-5,284,136	02/08/1994	Hauck, John A., et al.	05/13/1991
	US-5,305,745	04/26/1994	Zacouto, F.	04/02/1992
	US-5,336,252	08/09/1994	Cohen, D. M.	06/22/1992
	US-5,342,408	08/30/1994	deCoriolis, P. E., et al.	01/07/1993
	US-5,352,463	10/04/1994	Badylak, Stephen F., et al.	11/13/1992
	US-5,353,800	10/11/1994	Pohndorf, Peter J., et al.	12/11/1992
	US-5,368,028	11/29/1994	Palti, Y.	06/16/1993
	US-5,404,877	04/11/1995	Nolan, James A., et al.	05/04/1993
	US-5,416,695	06/15/1995	Stutman, P. S., et al.	03/09/1993
	US-5,435,999	07/25/1995	Austin, Lawrence	08/12/1991
	US-5,456,692	10/10/1995	Smith Jr, R. E., et al.	09/03/1993
	US-5,460,605	10/24/1995	Tuttle, Ronald R., et al.	12/07/1993
	US-5,496,360	03/05/1996	Hoffmann, D. A., et al.	04/12/1994
	US-5,499,971	03/19/1996	Shapland, J. E., et al.	12/14/1993
	US-5,538,722	07/23/1996	Blau, Helen M., et al.	08/22/1991
	US-5,551,953	09/03/1996	Lattin, Gary A., et al.	10/31/1994
	US-5,554,389	09/10/1996	Badylak, Stephen F., et al.	04/07/1995
	US-5,556,421	09/17/1996	Prutchi, D., et al.	02/22/1995
	US-5,562,713	10/08/1996	Silvian, S.	01/18/1995
	US-5,571,151	11/05/1996	Gregory, Kenton W.	10/25/1994
	US-5,579,876	12/03/1996	Adrian, et al.	08/25/1995
	US-5,586,556	12/24/1996	Spivey, T. R., et al.	05/11/1995
	US-5,603,331	02/18/1997	Heemels, J. P., et al.	02/12/1996
✓	US-5,607,418	03/04/1997	Arzbaeher, R. C.	08/22/1995

EXAMINER

*Althea J. Reidel*

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Application Number	10/788,906
Filing Date	February 27, 2004
First Named Inventor	Girouard, Steven
Group Art Unit	3762
Examiner Name	Unknown

Sheet 4 of 15

Attorney Docket No: 279.696US1

Q	US-5,609,629	03/11/1997	Fearnot, Neal E., et al.	06/07/1995
	US-5,634,899	06/03/1997	Shapland, J. E., et al.	01/04/1994
	US-5,662,689	09/02/1997	Elsberry, Dennis , et al.	09/08/1995
	US-5,681,735	10/28/1997	Emerson, Charles P., et al.	10/07/1994
	US-5,690,682	11/25/1997	Buscemi, , et al.	06/17/1996
	US-5,693,075	12/02/1997	Plicchi, , et al.	03/04/1996
	US-5,703,125	12/30/1997	Bovy, P. , et al.	05/31/1995
	US-5,720,770	02/24/1998	Nappholz, Tibor , et al.	10/06/1995
	US-5,730,125	03/24/1998	Prutchi, D. , et al.	09/11/1996
	US-5,733,727	03/31/1998	Field, Loren J.	06/07/1995
	US-5,800,498	09/01/1998	Obino, S. F., et al.	04/26/1996
	US-5,817,131	10/06/1998	Elsberry, D. D., et al.	03/07/1997
	US-5,824,049	10/20/1998	Ragheb, Anthony O., et al.	10/31/1996
	US-5,833,603	11/10/1998	Kovacs, G.T. , et al.	03/13/1996
	US-5,833,978	11/10/1998	Tremblay, Jacques P.	03/16/1995
	US-5,836,935	11/17/1998	Ashton, , et al.	01/28/1997
	US-5,885,797	08/27/1996	Chen, CM A., et al.	08/27/1996
	US-5,893,881	04/13/1999	Elsberry, D. D., et al.	08/29/1997
	US-5,899,928	05/04/1999	Sholder, Jason A., et al.	05/06/1997
	US-5,914,242	06/22/1999	Honkanen, Richard E., et al.	10/01/1997
	US-5,925,066	07/20/1999	Kroll, , et al.	09/15/1997
	US-5,928,943	07/27/1999	Franz, Wolfgang-Michael , et al.	08/22/1997
	US-5,945,577	08/31/1999	Stice, Steven L., et al.	01/10/1997
	US-5,949,659	09/07/1999	Lesche, Wolfgang	05/24/1996
	US-5,967,986	10/19/1999	Cimochowski, G. E., et al.	11/25/1997
	US-5,991,668	11/23/1999	Leinders, R. , et al.	09/25/1997
	US-6,016,447	01/18/2000	Juran, , et al.	10/27/1998
	US-6,016,448	01/18/2000	Busacker, , et al.	10/27/1998
	US-6,050,980	04/18/2000	Wilson, Joseph E.	08/03/1998
	US-6,059,726	05/09/2000	Lee, Randall J., et al.	09/23/1997
	US-6,096,347	08/01/2000	Geddes, Leslie A., et al.	05/04/1999
	US-6,099,832	08/08/2000	Mickle, Donald A., et al.	06/19/1998
	US-6,100,242	08/08/2000	Hammond, H K.	12/29/1997
	US-6,108,577	08/22/2000	Benser, M. E.	04/26/1999
	US-6,115,636	09/05/2000	Ryan, T. G.	12/22/1998
	US-6,128,526	10/03/2000	Stadler, R. , et al.	03/29/1999
	US-6,135,976	10/24/2000	Tachibana, Cozier , et al.	09/25/1998
	US-6,140,740	10/31/2000	Porat, Y. , et al.	12/30/1997
	US-6,154,675	11/28/2000	Juran, C. J., et al.	10/27/1998
	US-6,155,267	12/05/2000	Nelson, T. R.	12/31/1998
	US-6,165,164	12/26/2000	Hill, Irma P., et al.	03/29/1999
	US-6,168,801	01/02/2001	Heil, Jr., Ronald W., et al.	03/19/1999
✓	US-6,174,871	01/16/2001	Hammond, H K., et al.	08/10/1998

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Group Art Unit	3762
Examiner Name	Unknown

Sheet 5 of 15

Attorney Docket No: 279.696US1

US-6,198,394	03/06/2001	Jacobsen, S. C., et al.	12/05/1996
US-6,200,265	03/13/2001	Walsh, K. K., et al.	04/16/1999
US-6,203,495	03/20/2001	Bardy, Gust H.	07/26/1999
US-6,206,914	03/27/2001	Soykan, , et al.	08/31/1998
US-6,207,451	03/27/2001	Dennis, Robert G., et al.	09/15/1998
US-6,213,942	04/10/2001	Flach, T. E., et al.	05/20/1999
US-6,221,011	04/24/2001	Bardy, Gust H.	07/26/1999
US-6,224,566	05/01/2001	Loeb, Marvin P.	05/04/1999
US-6,231,516	05/15/2001	Keilman, G. W., et al.	02/23/1998
US-6,235,970	05/22/2001	Stice, Steven L., et al.	09/22/1997
US-6,237,398	05/29/2001	Porat, Y. , et al.	09/29/1998
US-6,254,573	07/03/2001	Haim, S. B., et al.	08/26/1999
US-6,256,233	07/03/2001	Glass, Richard J.	06/07/1995
US-6,261,230	07/17/2001	Bardy, Gust H.	12/31/1999
US-6,270,457	08/07/2001	Bardy, Gust H.	12/31/1999
US-6,277,072	08/21/2001	Bardy, Gust H.	10/10/2000
US-6,277,078	08/21/2001	Porat, Y. , et al.	11/19/1999
US-6,280,380	08/28/2001	Bardy, Gust H.	12/31/1999
US-6,284,242	09/04/2001	Kurachi, Kotoku	04/16/1999
US-6,287,285	09/11/2001	Michal, E. T., et al.	01/29/1999
US-6,298,272	10/02/2001	Peterfeso, R. M., et al.	03/29/1999
US-6,306,830	10/23/2001	Hammond, H K., et al.	01/16/1998
US-6,309,370	10/30/2001	Haim, S. B., et al.	02/05/1998
US-6,312,378	11/06/2001	Bardy, Gust H.	06/03/1999
US-6,316,419	11/13/2001	Leiden, Jeffrey M., et al.	08/12/1997
US-6,331,160	12/18/2001	Bardy, Gust H.	10/10/2000
US-6,336,903	01/08/2002	Bardy, Gust H.	11/16/1999
US-6,358,202	03/19/2003	Arent, M.	01/14/2000
US-6,358,203	03/19/2002	Bardy, Gust H.	02/20/2001
US-6,361,522	03/26/2002	Scheiner, A. , et al.	10/21/1999
US-6,361,780	03/26/2002	Ley, Gregory R., et al.	11/12/1998
US-6,368,284	04/09/2002	Bardy, Gust H.	11/16/1999
US-6,387,369	05/14/2002	Pittenger, Mark F., et al.	03/27/2000
US-6,398,728	06/04/2002	Bardy, Gust H.	11/16/1999
US-6,399,300	06/04/2002	Field, Loren J.	11/16/1999
US-6,410,236	06/25/2002	Metzger, Josph M.	09/01/1999
US-6,411,840	06/25/2002	Bardy, Gust H.	11/16/1999
US-6,424,847	07/23/2002	Mastrototaro, J. J., et al.	02/23/2000
US-6,436,907	08/20/2002	Leiden, Jeffrey M., et al.	11/05/1998
US-6,440,066	08/27/2002	Bardy, Gust H.	11/16/1999
US-6,443,949	09/03/2002	Altman, P. A.	10/23/1998
US-6,451,594	07/19/2002	Chien, Kenneth R., et al.	09/10/1999
US-6,453,195	09/17/2002	Thompson, David L.	03/19/2001

EXAMINER

*Jessica J. Reid*

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Filing Date	February 27, 2004
First Named Inventor	Girouard, Steven
Group Art Unit	3762
Examiner Name	Unknown

Sheet 6 of 15

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②	US-6,459,917	10/01/2002	Gowda, A., et al.	05/22/2000
	US-6,459,929	10/01/2002	Hopper, Donald, et al.	04/12/2000
	US-6,468,263	10/22/2002	Fischell, R. E., et al.	05/21/2001
	US-6,475,232	11/05/2002	Babbs, Charles F., et al.	06/10/1999
	US-6,478,737	11/12/2002	Bardy, Gust H.	05/18/2001
	US-6,501,983	12/31/2002	Natarajan, A., et al.	08/06/1999
	US-6,511,477	01/28/2003	Altman, P. A., et al.	09/28/1999
	US-6,518,245	02/11/2003	Anderson, M. E., et al.	01/30/1998
	US-6,540,725	04/01/2003	Ponzi, Dean M.	11/09/2000
	US-6,541,116	04/01/2003	Michal, Eugene T., et al.	04/06/2001
	US-6,575,931	06/10/2003	Ponzi, Dean M.	05/01/2000
	US-6,623,473	09/23/2003	Ponzi, Dean M.	05/01/2000
	US-6,623,474	09/23/2003	Ponzi, Dean M.	05/01/2000
	US-6,628,987	09/30/2003	Hill, Michael R., et al.	09/26/2000
	US-6,653,291	11/25/2003	Badylak, Stephen F., et al.	02/17/1995
	US-6,656,517	12/02/2003	Michal, Eugene T.	07/25/2001
	US-6,689,117	02/10/2004	Sweeney, Robert J., et al.	12/18/2000
	US-6,702,777	03/09/2004	Haim, Shlomo B., et al.	07/12/2001
	US-6,733,996	05/11/2004	Froehlich, Allan C., et al.	08/26/2002
	US-6,735,471	05/11/2004	Hill, M. R., et al.	09/26/2001
	US-6,759,236	07/06/2004	Fung, Yuen K., et al.	08/17/1999
	US-6,801,805	10/05/2004	Stokes, Kenneth B., et al.	07/02/2001
	US-6,810,286	10/26/2004	Donovan, M. G., et al.	03/05/2001
	US-6,855,124	02/15/2005	Gonzalez, Fernando, et al.	10/02/2002
	US-6,875,206	04/05/2005	Ponzi, Dean M.	03/31/2003
	US-6,905,476	06/14/2005	Ponzi, Dean M.	01/13/2003
↓	US-6,919,207	07/19/2005	Goodman, Reba, et al.	01/25/2001

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
②	EP-0054138	06/23/1982	Vogel, Hans-Henning, et al.	
	EP-0467695A2	01/22/1992	Collins, K. A., et al.	
	EP-0545628A2	06/09/1993	Potocki, J. C.	
	EP-1050265	11/08/2000	Vantassel, R. A., et al.	
	EP-1142607A2	10/10/2001	Heenen, H. G., et al.	
	EP-633031	01/11/1995	Vaschon, David	
	WO-0007497A1	02/17/2000	Ananth, N., et al.	
	WO-0017326	03/30/2000	Eisenberg, Carol A., et al.	
	WO-0027466A1	05/18/2000	Conrad-Vlasak, D., et al.	
	WO-0054661A1	09/21/2000	Saadat, V.	
	WO-0074584	12/14/2000	No Inventor Listed,	
↓	WO-0103750	01/18/2001	Naughton, Gail K., et al.	

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Application Number	10/788,906
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Group Art Unit	3762
Examiner Name	Unknown

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Attorney Docket No: 279.696US1

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
JP	WO-0204063A1	01/17/2002	Geis, John S., et al.	
	WO-0205866A2	01/24/2002	Leonhardt, Howard J., et al.	
	WO-02070065A2	09/12/2002	Donovan, M. G., et al.	
	WO-0249669A2	06/27/2002	Schu, C. A., et al.	
	WO-0249714A2	06/27/2002	Schu, Carl A., et al.	
	WO-04024206	03/25/2004	New, Gishel, et al.	
	WO-04030706	04/15/2004	Law, Peter K.	
	WO-04080533A1	09/23/2005	Mika, Y., et al.	
	WO-05084751A2	09/15/2005	Girouard, S. D., et al.	
	WO-2004050180A2	06/17/2004	Girouard, S. D., et al.	
	WO-9208796	05/29/1992	Lupton, Stephen D.	
	WO-9428143	12/08/1994	Lupton, Stephen D.	
	WO-9640195	12/19/1996	Giordano, Frank J., et al.	
	WO-97/33513	09/18/1997	Knapp, Terry, et al.	
	WO-9802150A1	01/22/1998	Stokes, K., et al.	
	WO-9815317A1	04/16/1998	Prutchi, D., et al.	
	WO-9834537A1	08/13/1998	Ekwall, C., et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JP		"Invitation to Pay Additional Fees and Partial International Search Report, for Application No. PCT/US2005/006069, date mailed July 20, 2005", 7 Pages	
		ALLMAN, AMY J., et al., "Xenogeneic extracellular matrix grafts elicit a TH2-restricted immune response", <u>Transplantation</u> , 71(11), (June 15, 2001), 1631-40	
		ARNAUD, CLAIRE, et al., "iNOS is a mediator of the heat stress-induced preconditioning against myocardial infarction in vivo in the rat", <u>Cardiovascular Research</u> , 58, (2003), 118-125	
		ASKARI, ARMAN T., et al., "Targeted Gene Therapy for the Treatment of Cardiac Dysfunction", <u>Seminars in Thoracic and Cardiovascular Surgery</u> , 14(2), (April 2002), 167-177	
		BADYLAK, STEPHEN, et al., "Extracellular Matrix for Myocardial Repair", <u>Heart Surgery Forum</u> , 6(2), (2003), E20-E26	
		BADYLAK, STEPHEN F., et al., "Marrow-Derived Cells Populate Scaffolds Composed of Xenogeneic Extracellular Matrix", <u>Experimental Hematology</u> , 29(11), (November 2001), 1310-8	
		BADYLAK, STEPHEN F., et al., "Resorbable bioscaffold for esophageal repair in a dog model", <u>Journal of Pediatric Surgery</u> , 35(7), (July 2000), 1097-1103	
		BADYLAK, STEPHEN F., "The Extracellular Matrix as a Scaffold for Tissue Reconstruction", <u>Seminars in Cell Developmental Biology</u> , 13(5), (October 2002), 377-83	

EXAMINER

*Jessica L. Reid*

DATE CONSIDERED

*03/23/06*

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BAKER, A. H., "Development and Use of Gene Transfer for Treatment of Cardiovascular Disease", J Card Surg, 17, (2002), 543-548	
		BARBONE, ALESSANDRO, et al., "Comparison of right and left ventricular responses to left ventricular assist device support in patients with severe heart failure: a primary role of mechanical unloading underlying reverse remodeling", Circulation, 104(6), (August 7, 2001), 670-675	
		BOHELER, KENNETH R., et al., "Differentiation of Pluripotent Embryonic Stem Cells into Cardiomyocytes", Circulation Research, 91(3), (August 9, 2002), 189-201	
		BRALET, J., et al., "Vasopeptidase inhibitors: an emerging class of cardiovascular drugs", Trends Pharmacol Sci., 22(3), (March 2001), 106-9	
		BRUGADA, R., et al., "Genetics of Cardiovascular Disease with Emphasis on Atrial Fibrillation", Journal of Interventional Cardiac Electrophysiology, 3, (1999), 7-13	
		BRUNDEL, B. J., et al., "Alterations in Potassium Channel Gene Expression in Atria of Patients With Persistent and Paroxysmal Atrial Fibrillation: Differential Regulation of Protein and mRNA Levels for K <sup>+</sup> Channels", Journal of the American College of Cardiology, 37(3), (2001), 926-932	
		BRUNNER, FRIEDRICH, "Attenuation of myocardial ischemia/reperfusion injury in mice with myocyte-specific overexpression of endothelial nitric oxide synthase", Cardiovascular Research, 57, (2003), 55-62	
		BURTON, D. Y., et al., "The Incorporation of an Ion Channel Gene Mutation Associated with the Long QT Syndrome (Q9E-hMiRPI) in a Plasmid Vector for Site-Specific Arrhythmia Gene Therapy: In Vitro and In Vivo Feasibility Studies", Human Gene Therapy, 14, (2003), 907-922	
		CHENG, C.-F., et al., "Genetic Modifiers of Cardiac Arrhythmias", TRENDS in Molecular Medicine, 9(2), (2003), 59-66	
		CLELAND, J. G., et al., "Update of Clinical Trials from the American College of Cardiology 2003. EPHEUS, SPORTIF-III, ASCOT, COMPANION, UK-PACE and T-wave Alternans", The European Journal of Heart Failure, 5, (2003), 391-398	
		COLONNA, P., "Myocardial infarction and left ventricular remodeling: results of the CEDIM trial. Carnitine Ecocardiografia Digitalizzata Infarto Miocardico.", Am Heart J., (February 2000, 139(2 Pt 3)), S124-30	
		CONDORELLI, G., et al., "Cardiomyocytes Induce Endothelial Cells to Trans-Differentiate into Cardiac Muscle: Implications for Myocardium Regeneration", PNAS, 98(19), (September 11, 2001), 10733-10738	
		DAUM, DOUGLAS R., "SYSTEMS AND METHODS FOR HYPOTENSION", Application Serial No. 11/141,260, filed May 31, 2005, Attorney Docket No. 279.968us1, 51 pages	
		DEL MONTE, F., et al., "Targeting Calcium Cycling Proteins in Heart Failure Through Gene Transfer", The Journal of Physiology, 546(1), (2002), 49-61	

EXAMINER

*Jessica J. Reindel*

DATE CONSIDERED

*03/23/06*



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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CP		DEPRE, CHRISTOPHE, et al., "Metabolic Aspects of Programmed Cell Survival and Cell Death in The Heart", <u>Cardiovascular Research</u> , 45(3), (February 2000), 538-548	
		DOBREV, D., et al., "Molecular Basis of Downregulation of G-Protein-Coupled Inward Rectifying K <sup>+</sup> Current (I <sub>K,ACh</sub> ) in Chronic Human Atrial Fibrillation", <u>Circulation</u> , 104, (2001), 2551-2557	
		DONAHUE, J. K., et al., "Focal Modification of Electrical Conduction in the Heart by Viral Gene Transfer", <u>Nature Medicine</u> , 6(12), (2000), 1395-1398	
		FERDINANDY, PETER, et al., "Nitric oxide, superoxide, and peroxynitrite in myocardial ischaemia-reperfusion injury and preconditioning", <u>British Journal of Pharmacology</u> , 138(4), (2003), 532-543	
		FLOGEL, ULRICH, "Myoglobin: A scavenger of bioactive NO", <u>PNAS</u> , 98(2), (January 16, 2001), 735-740	
		FREEDMAN, SAUL B., et al., "Therapeutic Angiogenesis for Ischemic Cardiovascular Disease", <u>J. Mol Cell Cardiol.</u> , 33(3), (March 2001), 379-393	
		GABOUEV, A I., et al., "In Vitro Construction of Urinary Bladder Wall Using Porcine Primary Cells Reseeded on Acellularized Bladder Matrix and Small Intestinal Submucosa", <u>The International Journal of Artifical Organs</u> , 26(10), (October 2003), 935-42	
		GEWALTIG, MICHAEL T., "Vasoprotection by nitric oxide: mechanisms and therapeutic potential", <u>Cardiovascular Research</u> , 55, (02/14/2002), 250-260	
		GIROUARD, STEVEN D., et al., "METHOD AND APPARATUS FOR CONTROLLED GENE OR PROTEIN DELIVERY", <u>US Patent Application Ser. No. 10/890,825</u> , Filed July 14, 2004 (Attorney Docket No. 279.689us1), 61 Pgs.	
		GIROUARD, S. D., "METHOD AND APPARATUS TO MODULATE CELLULAR REGENERATION POST MYOCARDIAL INFARCT", <u>US Patent Application Ser. No. 10/862716</u> , filed June 7, 2004 (Attorney Docket No. 279.697US1), 71 Pages	
		GOULD, P. A., et al., "Review of the Current Management of Atrial Fibrillation", <u>Expert Opinion on Pharmacotherapy</u> , 4(11), (2003), 1889-1899	
		GRAHAM, REGINA M., et al., "Gene and Cell Therapy for Heart Disease", <u>IUBMB Life</u> , 54, (2002), 59-66	
		HAKUNO, DAIHIKO, et al., "Bone Marrow-Derived Regenerated Cardiomyocytes (CMG Cells) Express Functional Adrenergic and Muscarinic Receptors", <u>Circulation</u> , 105, (January 22, 2002), 380-386	
		HAMAWY, A. H., et al., "Cardiac Angiogenesis and Gene Therapy: A Strategy for Myocardial Revascularization", <u>Current Opinion in Cardiology</u> , 14, (1999), 515-522	
		HARJAI, KISHORE J., et al., "Therapeutic Angiogenesis: a Fantastic New Adventure", <u>Journal of Interventional Cardiology</u> , 15(3), (2002), 223-229	
		HEERDT, PAUL M., et al., "Chronic Unloading By Left Ventricular Assist Device Reverses Contractile Dysfunction and Alters Gene Expression in End-Stage Heart Failure", <u>Circulation</u> , 102(22), (November 28, 2000), 2713-2719	

EXAMINER

Jessica J. Reside

DATE CONSIDERED

03/23/06

Substitute Disclosure Statement Form (PTO-1449)

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		HODDE, JASON P., et al., "Retention of Endothelial Cell Adherence to Porcine-Derived Extracellular Matrix After Disinfection and Sterilization", <u>Tissue Engineering</u> , 8(2), (April 2002), 225-34	
		HONG, Y. S., et al., "Localized Immunosuppression in the Cardiac Allograft Induced by a New Liposome-Mediated IL-10 Gene Therapy", <u>J. Heart Lung Transplant</u> , 21, (2002), 1188-1200	
		HUQ, F., et al., "Session 5: Cellular and Subcellular Basis of Remodeling - Modulating Signalling Pathways in Hypertrophy and Heart Failure by Gene Transfer", <u>Journal of Cardiac Failure</u> , 8(6)(Suppl.), (2002), S389-S400	
		INGBER, DONALD E., "Mechanical signaling and the cellular response to extracellular matrix in angiogenesis and cardiovascular physiology", <u>Circulation Research</u> , 91(10), (November 15, 2002), 877-87	
		ISNER, JEFFREY M., "Myocardial Gene Therapy", <u>Nature</u> , Vol. 415., (January 10, 2002)	
		JACKSON, KATHYJO A., et al., "Regeneration of Ischemic Cardiac Muscle and Vascular Endothelium By Adult Stem Cells", <u>The Journal of Clinical Investigation</u> , Vol. 107, No. 11., (June 2001), 1395-1402 pgs.	
		JAIN, MOHIT, et al., "Cell therapy attenuates deleterious ventricular remodeling and improves cardiac performance after myocardial infarction", <u>Circulation</u> , 103(14), (April 10, 2001), 1920-1927	
		JAYAKUMAR, MD, J., et al., "Gene Therapy for Myocardial Prevention - Transfection of Donor Hearts With Heat Shock Protein 70 Gene Protects Cardiac Function Against Ischemia-Reperfusion Therapy", <u>Circulation</u> , 102 (Suppl. III), (2000), III-302-III-306	
		KEHAT, IZHAK, et al., "Human Embryonic stem Cells Can Differentiate into Myocytes with Structural and Functional Properties of Cardiomyocytes", <u>The Journal of Clinical Investigation</u> , Vol. 108, No. 3., (August 2001), pgs. 363-364	
		KOCH, W. J., et al., "Gene Transfer of B-Adrenergic Signalling Components for Heart Failure", <u>Journal of Cardiac Failure</u> , 8(6) (Suppl.), (2002), S526-S531	
		KOCHER, A A., et al., "Neovascularization of Ischemic Myocardium by Human Bone-Marrow-Derived Angioblasts Prevents Cardiomyocyte Apoptosis, Reduces Remodeling and Improves Cardiac Function", <u>Nature Medicine</u> , Vol. 7, No. 4., (April 2001), pgs. 430-436	
		KOMURO, ISSEI, et al., "Control of Cardiac Gene Expression by Mechanical Stress", <u>Annu Rev Physiol.</u> , (1993), pgs 55-75	
		KOZARSKY, K. F., "Gene Therapy for Cardiovascular Disease", <u>Current Opinion in Pharmacology</u> , 1, (2001), 197-202	
		KRUM, HENRY, "New and Emerging Pharmacological Strategies in the Management of Chronic Heart Failure", <u>Current Opinion in Pharmacology</u> , 1(2), (April 2001), 126-33	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

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Sheet 11 of 15

Attorney Docket No: 279.696US1

②	LAHAM, ROGER J., et al., "Gene Transfer to Induce Angiogenesis in Myocardial and Limb Ischaemia", <u>Expert Opin Biol Ther.</u> , 1(6), (2001), pgs. 985-994	
	LEE, L. Y., et al., "Exogenous Control of Cardiac Gene Therapy: Evidence of Regulated Myocardial Transgene Expression After Adenovirus and Adeno-Associated Virus Transfer of Expression Cassettes Containing Corticosteroid Response Element Promoters", <u>J Thorac Cardiovasc Surg.</u> , 118, (1999), 26-35	
	LEHMAN, J., et al., "Gene regulatory mechanisms governing energy metabolism during cardiac hypertrophic growth", <u>Heart Fail Rev.</u> , (April 2000), 175-85	
	LEVIN, L., "Researchers present findings at European cardiology conference", <u>Advisory Board Daily Briefing</u> , 8, <u>Clinical Outlook</u> , (September 2002), 8 pages [see pgs. 5,6]	
	LI, QIANGHONG, "Gene Therapy With Inducible Nitric Oxide Synthase Protects Against Myocardial Infarction via a Cyclooxygenase-2-Dependent Mechanism", <u>Circulation Research</u> , 92, (2003), 741-748	
	LIN, H., "Specific Region of the c-myc Promoter is Responsive to Electric and Magnetic Fields", <u>Journal of Cellular Biochemistry</u> , 54, (1994), 281-288	
	LIN, H., "Regulating Genes with Electromagnetic Response Elements", <u>Journal of Cellular Biochemistry</u> , 81, (2001), 143-148	
	LODIE, TRACEY A., et al., "Systematic Analysis of Reportedly Distinct Populations of Multipotent Bone Marrow-Derived Stem Cells Reveals a Lack of Distinction", <u>Tissue Engineering</u> , Volume 8, No. 5, (2002), pgs. 739-751	
	LOPASCHUK, G., "Metabolic abnormalities in the diabetic heart", <u>Heart Fail Rev.</u> , (April 2002), 149-59	
	LOSORDO, DOUGLAS W., et al., "Gene Therapy for Myocardial Angiogenesis", <u>Am Heart J.</u> , Vol. 138, (1999), pgs. S132-S141	
	LOVETT, ERIC G., "Technique for Discriminating Between Coordinated and Uncoordinated Cardiac Rhythms", <u>Application Serial No. 10/435,487</u> , filed May 9, 2003, SLWK Docket No. 279.255US2, assigned to Cardiac Pacemakers, Inc., (05/09/2003), 36 pgs.	
	LUTTUN, A., et al., "The Role of Proteinases in Angiogenesis, Heart Development, Restenosis, Atherosclerosis, Myocardial Ischemia, and Stroke: Insights from Genetic Studies", <u>Current Atherosclerosis Reports</u> , 2, (2000), 407-416	
	MACNEILL, MD, B. D., et al., "Targeting Signaling Pathways in Heart Failure by Gene Transfer", <u>Current Atherosclerosis Reports</u> , 5, (2003), 178-185	
	MANN, BRENDA K., et al., "Tissue Engineering in the Cardiovascular System: Progress Toward a Tissue Engineered Heart", <u>Anat Rec.</u> 263, (2001), pgs. 367-371	
	MARBAN, E., et al., "Gene Therapy for Cardiac Arrhythmias", <u>Cold Spring Harbor Symposia on Quantitative Biology</u> , Vol. LXVII - The Cardiovascular System, Published by Cold Spring Harbor Laboratory Press, (2002), 527-531	
	MBAL, M., et al., "Genetic Basis for the Origin of Cardiac Arrhythmias: Implications for Therapy", <u>Current Cardiology Reports</u> , 4, (2002), 411-417	
✓	MCPHERSON, T.B., et al., "Galalpha(1,3)Gal epitope in porcine small intestinal submucosa", <u>Tissue Engineering</u> , 6(3), (June 2000), 133-9	

EXAMINER

*Jessica L. Reidel*

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<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> <div style="font-size: 20px; margin: 0 5px;">R</div> </div>		MEEZAN, ELIAS, et al., "A simple, versatile, nondisruptive method for the isolation of morphologically and chemically pure basement membranes from several tissues", <u>Life Sciences</u> , 17(11), (December 1, 1974), 1721-32	
		MENASCHE, PHILIPPE, "Cell Theraph of Heart Failure", <u>CR Biologies</u> , Vol. 325., (2002), pgs. 731-738	
		MICHAL, EUGENE T., et al., "METHODS AND COMPOSITIONS TO TREAT MYOCARDIAC CONDITIONS", Application Serial No. 10/802,955, Filed March 16, 2004 Docket No. 5618.P3467X, 113 pgs.	
		MILLER, L. W., et al., "Limitations of Current Medical Therapies for the Treatment of Heart Failure", <u>Reviews in Cardiovascular Medicine</u> , 4(Suppl. 2), (2003), S21-S29	
		MIN, MART, et al., "Electrical Impedance and Cardiac Monitoring-Technology, Potential and Applications", <u>International Journal of Bioelectromagnetism</u> , Vol. 5, No. 1, (2003), 53-56	
		MIYAGAWA, SHIGERU, et al., "Myocardial Regeneration Therapy for Heart Failure: Hepatocyte Growth Factor Enhances The Effect of Cellular Cardiomyoplasty", <u>Circulation</u> , 105(21), (May 28, 2002), 2556-2561	
		NEMER, GEORGES, et al., "Regulation of Heart Development and Function Through Combinatorial Interactions of Transcription Factors", <u>The Finnish Medical Society Duodecim, Ann Med</u> , Vol 33., (2001), pgs. 604-610	
		NUSS, H. B., et al., "Reversal of Potassium Channel Deficiency in Cells from Failing Hearts by Adenoviral Gene Transfer: A Prototype for Gene Therapy for Disorders of Cardiac Excitability and Contractility", <u>Gene Therapy</u> , 3, (1996), 900-912	
		ORLIC, DONALD, et al., "Bone Marrow Cells Regenerate Infarcted Myocardium", <u>Nature</u> , Vol 410., (April 5, 2001), pgs. 701-705	
		OSTADAL, PETR, et al., "The effect of early treatment by cerivastatin on the serum level of C-reactive protein, interleukin-6, and interleukin-8 in patients with unstable angina and non-Q-wave myocardial infarction", <u>Molecular and Cellular Biochemistry</u> , 246, (2003), 45-50	
		PAOLOCCI, NAZARENO, et al., "Positive inotropic and lusitropic effects of HNO/NO- in failing hearts: Independence from beta-adrenergic signaling", <u>Proceedings of the National Academy of Sciences USA</u> , 100(9), (April 29, 2003), 5537-5542	
		PAOLOCCI, NAZARENO, "Positive inotropic and lusitropic effects of HNO/NO- in failing hearts: independence from beta-adrenergic signaling", <u>Proceedings of the National Academy of Sciences USA</u> , 100(9), (April 29, 2003), 4978-80	
		PASTORE, JOSEPH M., et al., "METHOD AND APPARATUS FOR DEVICE CONTROLLED GENE EXPRESSION FOR CARDIAC PROTECTION", <u>US Patent Application Ser. No. 11/220,397</u> , filed September 6, 2005 (Attorney Docket No. 2279.955us1), 68 Pgs.	
		PASUMARTHI, KISHORE B., et al., "Cardiomyocyte Cell Cycle Regulation", <u>Circ Res.</u> , Vol. 90., (2002), pgs. 1044-1054	
		PATBERG, KORNELIS W., et al., "Cardiac Memory Is Associated With Decreased Levels of the Transcriptional Factor CREB Modulated by Angiotensin II and Calcium", <u>Circulation Research</u> , Vol. 93, (2003), 472-478	

EXAMINER

*Jessica J. Deedee*

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Application Number	10/788,906
Filing Date	February 27, 2004
First Named Inventor	Girouard, Steven
Group Art Unit	3762
Examiner Name	Unknown

Sheet 13 of 15

Attorney Docket No: 279.696US1

<p>②</p> <p>↓</p>		PIMENTEL, RHEA C., et al., "Autocrine Regulation of Myocyte Cx43 Expression by VEGF", <u>Circ Res.</u> , 90:, (2002), pgs. 671-677	
		POUZET, BRUNO, et al., "Intramyocardial Transplantation of Autologous Myoblasts: Can Tissue Processing Be Optimized?", <u>Circulation</u> , Vol. 102,, (2000), pgs. III-210III-215	
		PRINZEN, FRITS W., et al., "Mapping of Regional Myocardial Strain and Work During Ventricular Pacing: Experimental Study Using Magnetic Resonance Imaging Tagging", <u>Journal of American College of Cardiology</u> , Vol. 33, No. 6,, (1999), pgs. 1735-1742	
		RADISIC, M., "From the Cover: Functional assembly of engineered myocardium by electrical stimulation of cardiac myocytes cultured on scaffolds", <u>Proc Natl Acad Sci U S A.</u> , 101(52), (December 28, 2004), 18129-34	
		REINECKE, HANS, et al., "Survival, Integration, and Differentiation of Cardiomyocyte Grafts: a Study in Normal and Injured Rat Hearts", <u>Circulation</u> ,, (1999), pgs. 193-202	
		RIZOS, I., "Three-year survival of patients with heart failure caused by dilated cardiomyopathy and L-carnitine administration", <u>Am Heart J.</u> , 139(2 Pt 3), (February 2000), Am Heart J.	
		ROBBINS, JEFFREY, "Remodeling the Cardiac Sarcomere Using Transgenesis", <u>Annu Rev Physiol.</u> , Vol. 62,, (2000), pgs. 261-287	
		ROBERTS, R., et al., "Genetic Aspects of Arrhythmias", <u>American Journal of Medical Genetics (Semin. Med. Genet.)</u> , 97, (2000), 310-318	
		ROSS, JEFFREY, "EPICARDIAL PATCH INCLUDING ISOLATED EXTRACELLULAR MATRIX WITH PACING ELECTRODES", <u>Application Serial No. 11/017,627</u> , filed December 20, 2004 Attorney Docket No. 279.759US1, 87 pgs.	
		ROSS, JEFFREY, et al., "USE OF EXTRACELLULAR MATRIX AND ELECTRICAL THERAPY", <u>Application Serial No. 11/017,237</u> , filed December 20, 2004 Attorney Docket No. 279.760US1, 89 pgs.	
		RUBENSTRUNK, A., "Transcriptional Activation of the Metallothionein I Gene by Electric Pulses in vivo: Basis for the Development of a New Gene Switch System", <u>The Journal of Gene Medicine</u> , 5, (2003), 773-783	
		RUTANEN, J., et al., "Progress and Prospects - Post-Intervention Vessel Remodeling", <u>Gene Therapy</u> , 9, (2002), 1487-1491	
		SABBAH, H., et al., "Partial fatty acid oxidation inhibitors: a potentially new class of drugs for heart failure", <u>Eur J Heart Fail.</u> , 4(1), (January 2002), 3-6	
		SALLOUM, FADI, "Sildenafil Induces Delayed Preconditioning Through Inducible Nitric Oxide Synthase-Dependent Pathway in Mouse Heart", <u>Circulation Research</u> , 92, (04/04/2003), 595-597	
		SARIKAYA, AYDA, et al., "Antimicrobial Activity Associated With Extracellular Matrices", <u>Tissue Engineering</u> , 8(1), (February 2002), 63-71	
		SCHRAM, G., et al., "Differential Distribution of Cardiac Ion Channel Expression as a Basis for Regional Specialization in Electrical Function", <u>Circulation Research</u> , 90, (2002), 939-950	

EXAMINER

Jessica Y. Reidel

DATE CONSIDERED

03/23/06

Substitute Disclosure Statement Form (PTO-1449)

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Group Art Unit	3762
Examiner Name	Unknown

Sheet 14 of 15

Attorney Docket No: 279.696US1

②	SHIMIZU, TATSUYA, et al., "Cell Sheet Engineering for Myocardial Tissue Reconstruction", <u>Biomaterials</u> , 24(13), (June 2003), 2309-2316	
	SHIN, HEUNGSOO, et al., "Biomimetic materials for tissue engineering", <u>Biomaterials</u> , 24(24), (November 2003), 4353-64	
	SIH, HARRIS J., "IMPLANTABLE MEDICAL DEVICES COMPRISING ISOLATED EXTRACELLULAR MATRIX", <u>Application Serial No. 11/017,432</u> , filed December 20, 2004 Attorney Docket No. 279.806US1, 87 pgs.	
	STANLEY, W., et al., "Energy metabolism in the normal and failing heart: potential for therapeutic interventions", <u>Heart Fail Rev.</u> , (April 2002), 115-30	
	STANLEY, W., "Partial fatty acid oxidation inhibitors for stable angina", <u>Expert Opin Investig Drugs</u> , 11(5), (May 2002), 615-29	
	STOCK, ULRICH A., et al., "Tissue Engineering: Current State and Prospects", <u>Annu. Rev. Med.</u> , 52, (2001), 443-51	
	SUEMATSU, YOSHIHIRO, et al., "L-Arginine given after ischaemic preconditioning can enhance cardioprotection in isolated rat hearts", <u>European Journal of Cardio-thoracic Surgery</u> , 19, (2001), 873-879	
	SUZUKI, KEN, et al., "Cell Transplantation for the Treatment of Acute Myocardial Infarction Using Vascular Endothelial Growth Factor-Expressing Skeletal Myoblasts", <u>Circulation</u> , 104[suppl II], (2001), pgs I207-I212	
	TAYLOR, DORIS A., et al., "Regenerating Functional Myocardium: Improved Performance after Skeletal Myoblast Transplantation", <u>Nature Medicine</u> , Vol. 4, No. 8, (August 1998), pgs. 929-933	
	TERRACIO, LOUIS, et al., "Effects of Cyclic Mechanical Stimulation of the Cellular Components of the Heart: In Vitro.", <u>In Vitro Cellular &amp; Developmental Biology</u> , Vol 24, Number 1, (January 1988), pgs. 53-58	
	THIJSEN, V. J., et al., "Analysis of Altered Gene Expression During Sustained Atrial Fibrillation", <u>Cardiovascular Research</u> , 54, (2002), 427-437	
	TOMASELLI, F., et al., "Photodynamic Therapy Enhanced by Hyperbaric Oxygen in Acute Endoluminal Palliation of Malignant Bronchial Stenosis (Clinical Pilot Study in 40 Patients)", <u>European Journal of Cardio-thoracic Surgery</u> , 19, (2001), 549-554	
	TOWBIN, J. A., et al., "Chapter 3 - Genetics and Cardiac Arrhythmias", <u>In Advances in Pediatrics</u> , Vol 29, Published by Mosby, Inc., (2002), 87-129	
	TRAN, NGUYEN, et al., "Autologous Cell Transplantation and Cardiac Tissue Engineering: Potential Applications in Heart Failure", <u>Biorheology</u> , 40(1-3), (2003), 411-15	
	VAN GELDER, MD, I. C., et al., "Alterations in Gene Expression of Proteins Involved in the Calcium Handling in Patients with Atrial Fibrillation", <u>J Cardiovasc Electrophysiol</u> , 10, (1999), 552-560	
	WALTHER, W., et al., "Cell Type Specific and Inducible Promoters for Vectors in Gene Therapy as an Approach for Cell Targeting", <u>Journal of Molecular Medicine</u> , 74, (1996), 379-392	
✓	WASHIZU, MASAO, et al., "Handling Biological Cells Using a Fluid Integrated Circuit", <u>IEEE Transactions on Industry Applications</u> , Vol. 26, No. 2, (March/April 1990), 352-358	

EXAMINER

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Substitute Disclosure Statement Form (PTO-1449)

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<b>Application Number</b>	10/788,906
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<b>First Named Inventor</b>	Girouard, Steven
<b>Group Art Unit</b>	3762
<b>Examiner Name</b>	Unknown

Sheet 15 of 15

Attorney Docket No: 279.696US1

R		WATTANAPITAYAKUL, S. K., et al., "Recent Developments in Gene Therapy for Cardiac Disease", <u>Biomedical &amp; Pharmacotherapy</u> , 54, (2000), 487-504	
		WESTLUND, RANDY, "LEAD ELECTRODE INCORPORATING EXTRACELLULAR MATRIX", Application Serial No. 11/017,238, filed December 20, 2004 Attorney Docket No. 279.811US1, 85 pgs.	
		WOBUS, ANNA M., et al., "Embryonic Stem Cell Derived Cardiac Differentiation: Modulation of Differentiation and "Loss-of_Function" Analysis In Vitro", <u>TCM</u> , Vol. 8, No. 2, (1998), pgs. 64-74	
		WOLDBAEK, PER R., et al., "Increased cardiac IL-18 mRNA, pro-IL-18 and plasma IL-18 after myocardial infarction in the mouse; a potential role in cardiac dysfunction", <u>Cardiovascular Research</u> , 59, (2003), 122-131	
		WOLFF, A., et al., "Metabolic approaches to the treatment of ischemic heart disease: the clinicians' perspective", <u>Heart Fail Rev.</u> , (April 2002), 187-203	
		WOLFRUM, SEBASTIAN, et al., "Acute Reduction of Myocardial Infarct Size By a Hydroxymethyl Glutaryl Coenzyme A Reductase Inhibitor Is Mediated By Endothelial Nitric Oxide Synthase", <u>J. Cardiovas Pharmacol</u> , Vol. 41, No. 3, (March 2003), 474-480	
		WUNDERLICH, CARSTEN, "Acute Inhibition of Myoglobin Impairs Contractility and Energy State of iNOS-Overexpressing Hearts", <u>Circulation Research</u> , 92, (2003), 1352-1358	
		WYMAN, T., et al., "Promoter-Activated Expression of Nerve Growth Factor for Treatment of Neurodegenerative Diseases", <u>Gene Therapy</u> , 6, (1999), 1648-1660	
		WYNN, R., "Cardiovascular drugs and dental considerations", <u>Cardiovascular drugs and dental considerations</u> , J Calif Dent Assoc., 28(7), (July 2000), 9-26	
		XU, CHUNHUI, et al., "Characterization and Enrichment of Cardiomyocytes Derived from Human Embryonic Stem Cells", <u>Circ Res.</u> , Vol. 91, (2002), pgs. 501-508	
		ZHU, FANGYI, et al., "Purification, Characterization and Evaluation of Antibacterial Peptide from Resorbable Tissue Scaffold", <u>Abstracts of Papers American Chemical Society</u> , 224(1-2), (Abstract No. BIOT 137), (2002)	
		ZHUANG, JIANPING, et al., "Pulsatile Stretch Remodels Cell-to-Cell Communication in Cultured Myocytes", <u>Circ Res.</u> , 87, (2000), pgs. 316-322	
✓		ZIMMERMANN, WH, et al., "Tissue Engineering of a Differentiated Cardiac Muscle Construct", <u>Circ Res.</u> , Vol. 90, (2002), pgs. 223-230	

EXAMINER

*Michael J. Reid*

DATE CONSIDERED

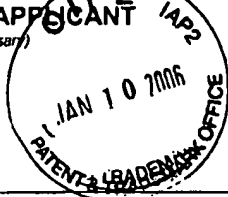
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Examiner Name	Reidel, Jessica

Sheet 1 of 2

Attorney Docket No: 279.696US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
Q	US-2002/0049154A1	04/25/2002	Grissom, C. B., et al.	10/22/2001
	US-2003/0082148A1	05/01/2003	Ludwig, Florian, et al.	10/31/2002
	US-2003/0104568A1	06/05/2003	Lee, Randall J.	11/07/2002
	US-2003/0211130A1	11/13/2003	Sanders, Joan E., et al.	02/24/2003
	US-2004/0018174A1	01/29/2004	Palasis, Maria	07/18/2003
	US-2004/0087019A1	05/06/2004	Orhan, Soykan, et al.	10/24/2003
	US-2004/0161421A1	08/19/2004	Komowski, Ran, et al.	02/10/2004
	US-2004/0253209A1	12/16/2004	Orhan, Soykan, et al.	04/14/2004
	US-2005/0013870A1	01/20/2005	Freyman, Toby, et al.	07/17/2003
	US-2005/0025752A1	02/03/2005	Kutryk, Michael, et al.	04/30/2004
	US-2005/0112759A1	05/26/2005	Radisic, Milica, et al.	06/21/2004
	US-2005/0283197A1	12/22/2005	Daum, D. R., et al.	05/31/2005
	US-5,507,724	04/16/1996	Hofmann, Gunter A., et al.	01/21/1994
	US-5,704,908	01/06/1998	Hofmann, Gunter A., et al.	10/10/1996
	US-5,807,306	09/15/1998	Shapland, J. E., et al.	08/16/1994
	US-5,834,029	11/10/1998	Bellamkonda, Ravi, et al.	07/20/1994
	US-5,968,006	10/19/1999	Hofmann, Gunter A.	12/17/1998
	US-6,132,419	10/17/2000	Hofmann, Gunter A.	10/25/1994
	US-6,151,525	11/21/2000	Soykan, Orhan, et al.	09/02/1998
	US-6,156,572	12/05/2000	Bellamkonda, Ravi, et al.	09/25/1998
	US-6,428,802	08/06/2002	Atala, Anthony	12/29/1999
	US-6,490,482	12/03/2002	Mori, Kenji, et al.	11/04/1998
	US-6,592,623	07/15/2003	Bowlin, Gary L., et al.	08/31/1999
	US-6,654,636	11/25/2003	Dev, Nagendu B., et al.	07/26/2000
	US-6,662,044	12/09/2003	Neville, Crawford, et al.	07/22/2002
	US-6,671,558	12/30/2003	Soykan, Orhan, et al.	11/03/2000
	US-6,678,556	01/13/2004	Nolan, Edward, et al.	06/07/2002
	US-6,690,970	02/10/2004	Taheri, Syde A., et al.	10/06/2000
	US-6,697,669	02/24/2004	Dev, Nagendu B., et al.	07/13/1999
	US-6,775,569	08/10/2004	Mori, Kenji, et al.	11/05/1997
	US-6,775,574	08/10/2004	Soykan, Orhan, et al.	09/01/2000
	US-6,902,522	06/07/2005	Walsh, Robert G., et al.	06/12/2000

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
Q	WO-0062855A1	10/26/2000	Sen, L., et al.	
Q	WO-0074773A1	12/14/2000	Darvish, N., et al.	
Q	WO-02087681A2	11/07/2002	Laporte, S., et al.	
Q	WO-04026394A1	04/01/2004	Mandrusov, E., et al.	

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Sheet 2 of 2

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	WO-04093969A1	11/04/2004	Laske, T. G., et al.	
	WO-2005084751A3	09/15/2005	Girouard, S. D., et al.	
	WO-9802040A1	01/22/1998	Preston, Jr, A. W., et al.	
	WO-9925385A1	05/27/1999	Unger, E C., et al.	

**OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>
		BUCHWALD, A B., et al., "Decoy Oligodeoxynucleotide Against Activator Protein-1 Reduces Neointimal Proliferation After Coronary Angioplasty in Hypercholesterolemic Minipigs", <u>Journal of the American College of Cardiology</u> , 39 (4), (Feb. 20, 2002), 732-738	
		ZOU, Y., et al., "Heat Shock Transcription Factor 1 Protects Cardiomyocytes From Ischemia/Reperfusion Injury", <u>Circulation</u> , 108 (24) ISSN: 1524-4539 XP002345863, (12/16/2003), 3024-3030	

EXAMINER

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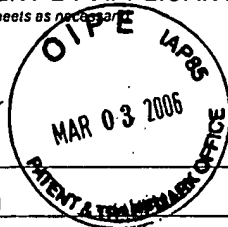
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**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
Ⓚ	US-2002/0055705A1	05/09/2002	Talpade, Dnyanesh, et al.	10/08/1999
	<del>US-2002/0183682A1</del>	<del>12/05/2002</del>	<del>Darvish, Nissim, et al.</del>	<del>06/14/2002</del>
Ⓚ	US-2003/0026784A1	02/06/2003	Koch, Walter J., et al.	06/28/2002
Ⓚ	US-2003/0045830A1	03/06/2003	de Bizemont, Therese, et al.	04/17/2001
Ⓚ	US-2006/0015146A1	01/19/2006	Girouard, S. D., et al.	07/14/2004
Ⓚ	US-5,387,419	02/07/1995	Levy, R. J., et al.	03/26/1993
Ⓚ	US-5,944,710	08/31/1999	Dev, S. B., et al.	06/24/1996

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
Ⓚ	WO-9815317	04/16/1998	Prutchi, David, et al.	
Ⓚ	WO-9904851	02/04/1999	Shapland, J. E., et al.	
Ⓚ	WO-9936563	07/22/1999	Walsh, Robert, et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>
Ⓚ		"International Search Report for Application No. PCT/US2005/006069, date mailed October 20, 2005", 19 Pages	
Ⓚ		AVITALL, B., "Iontophoretic transmyocardial drug delivery. A novel approach to antiarrhythmic drug therapy.", <i>Circulation</i> , 85(4), (Apr., 1992), 1582-93	
Ⓚ		BOVENBERG, W. A., et al., "Expression of recombinant human insulin-like growth factor I in mammalian cells", <i>Mol Cell Endocrinol.</i> , 74(1), (Nov. 12, 1990), 45-59.	
Ⓚ		FREY, NORBERT, et al., "Decoding calcium signals involved in cardiac growth and function", <i>Nature Medicine</i> 6(11), (2000), 1221-1227	
Ⓚ		GUNATILLAKE, PATHIRAJA A., et al., "Biodegradable Synthetic Polymers for Tissue Engineering", <i>European Cells and Materials</i> 5, (2003), 1-16	
Ⓚ		KANIKKANNAN, NARAYANASAMY, "Iontophoresis-Based Transdermal Delivery Systems", <i>Biodrugs</i> 16(5), (2002), 339-347	
Ⓚ		MACGOWAN, G. A., et al., "New molecular insights into heart failure and cardiomyopathy: potential strategies and therapies", <i>Ir J Med Sci.</i> , 171(2), (Apr.-Jun., 2002), 99-104	
Ⓚ		ODUIT, GAVIN Y., et al., "The Molecular Physiology of the Cardiac Transient Outward Potassium Current (Ito) in Normal and Diseased Myocardium", <i>J Mol Cell Cardiol</i> 33, (2001), 851-872	
Ⓚ		RECER, P., "Researchers find first heart attack gene", <i>AP Science News, Science: www.science.org</i> , (2003)	
Ⓚ		WURM, F. M., et al., "Inducible overproduction of the mouse c-myc protein in mammalian cells", <i>Proc Natl Acad Sci U S A.</i> , 83(15), (Aug., 1986), 5414-8	

EXAMINER

Jessica L. Reidel

DATE CONSIDERED

03/27/06

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached